ORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE ATTORNEY'S DOCKET NUMBER . 34 05-720-US3 TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO (If known see 37 CFR 1.5) 604 99998 W CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/US2004/018968 14 June 2004 (14.06.04) 13 June 2003 (13.06.03) TITLE OF INVENTION METHOD FOR PREPARING GE1-x-ySNxEy (E=P, AS, SB) SEMICONDUCTORS AND RELATED SI-GE-SN-E ADN SI-GE-E ANALOGS APPLICANT(S) FOR DO/EO/US John KOUVETAKIS; Matthew BAUER; John TOLLE; Candi COOK Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 2. \boxtimes This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), 3. (9) and (24) indicated below. \boxtimes The US has been elected (Article 31). 4. 5. \boxtimes A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). b. 🛛 has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🗆 is attached hereto. b. 🗆 has been previously submitted under 35 U.S.C. 154(d)(4). \boxtimes Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) 7. a. are attached hereto (required only if not communicated by the International Bureau). b. \boxtimes have been communicated by the International Bureau. C. have not been made; however, the time limit for making such amendments has NOT expired. d. 🗆 have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). \boxtimes 9 An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. A copy of the International Preliminary Examination Report (PCT/IPEA/409). \boxtimes 12. A copy of the International Search Report (PCT/ISA/210). Items 13 to 23 below concern document(s) or information included: 13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. A FIRST preliminary amendment. 16. A SECOND or SUBSEQUENT preliminary amendment. 17. A substitute specification. 18. A power of attorney and/or change of address letter. 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

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PTO-1390 (Rev. 07-2005)
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U.S. APPLICATION NO (if known; see 37) CFR (5)			5 INTERNATIONAL	INTERNATIONAL APPLICATION NO. PCT/US2004/018968		ATTORNEYS DOCKET NUMBER 05-720-US3	
23. Other items or information: Application Data Sheet Return Receipt Postcard							
The following fees have been submitted: 24. ⊠ Basic national fee						CALCULATIONS	PTO USE
						\$ \$300.00	
25. ☑ Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article \$0 All other situations						\$ \$200.00	
26. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. \$400 All other situations. \$500						\$ \$100.00	
	L OF 24, 25 and	\$ \$600.00					
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or RATE							
	fraction thereof (round up to a whole						
- 100 =	0 /50 =		0		× \$250.00	\$ \$0.00	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).						\$	
CLAIMS	NUMBER F	ILED	NUMBER EXTRA		RATE .		
Total claims	25	- 20 =	5	×	\$50.00	\$ \$250.00	
Independent clair		- 3=	4	x	\$200.00	\$ \$800.00	
MULTIPLE DEPENDENT CLAIMS (if applicable)						\$ \$0.00	
TOTAL OF ABOVE CALCULATIONS =						\$ \$1,650.00	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						\$ \$825.00	
SUBTOTAL =						\$ \$825.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						\$ \$0.00	
TOTAL NATIONAL FEE =						\$ \$825.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +						\$ \$0.00	
TOTAL FEES ENCLOSED =						\$ \$825.00	
			*****			Amount to be	\$
					·	Amount to be	\$

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. to cover the above fees is enclosed. A check in the amount of \$ \$825.00 Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. 🗵 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-2490 . A duplicate copy of this sheet is enclosed. information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition x revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: SIGNATURE HARPER, David S. David S. Harper MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP 300 South Wacker Drive, Suite 3100 NAME Chicago, IL 60606 42,636 US **REGISTRATION NUMBER** 08 December 2005 Phone: (312) 913-0001 Fax: (312) 913-0002 DATE